

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E30494

Employer : Spokane Transit Authority

Worksite : Spokane Transit Authority

Street : 1230 W Boone Ave

Jurisdiction : City of Spokane

Survey Date : 5/1/2017

Survey Type : Paper

Response Rate : 93%

Drive Alone & One-Way VMT Rates at this Worksite

Drive Alone : 79.9%

One-Way VMT per employee : 10.1

Employees and Survey Response Information

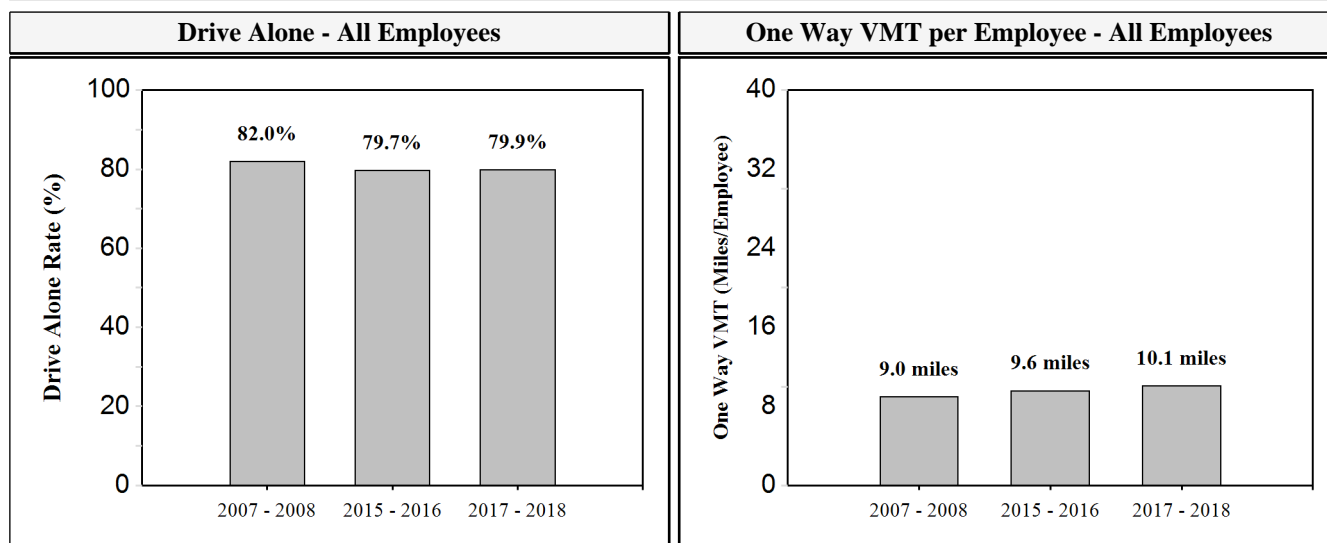
Reported Total Employees at Worksite: 430

Surveys Distributed : 430

Surveys Returned : 400

Surveys Returned by CTR Affected Employees : 217

Total Estimated CTR - Affected Employees at Worksite : 233



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	82.0%	78.7%	9.0	8.4
2009 - 2010	79.0%	72.7%	9.8	9.8
2011 - 2012	83.9%	81.7%	9.4	9.4
2013 - 2014	82.5%	79.7%	9.8	9.2
2015 - 2016	79.7%	76.7%	9.6	9.1
2017 - 2018	79.9%	74.9%	10.1	9.9
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	-2.6%	-4.8%	12.2%	17.9%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2015 - 2016	2017 - 2018
Drive Alone - All Employees*	82.0%	79.7%	79.9%
Drive Alone - CTR Affected Employees*	78.7%	76.7%	74.9%
VMT/Employee - All Employees	9.0	9.6	10.1
VMT/Employee - CTR Affected Employees	8.4	9.1	9.9

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2015 - 2016	2017 - 2018
Emissions for Surveyed Employees	811	809	876
Estimated Emissions for Total Employment	954	973	941

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2015 - 2016	2017 - 2018
Bus Annual Passenger Miles - Estimated for Total Employment	64,776	56,151	154,800
Bus Annual Passenger Miles - Surveyed Employees	55,100	46,700	144,000
Ferry Annual Passenger Miles - Estimated for Total Employment	0	2,525	0
Ferry Annual Passenger Miles - Surveyed Employees	0	2,100	0
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	3,527	601	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	3,000	500	0

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

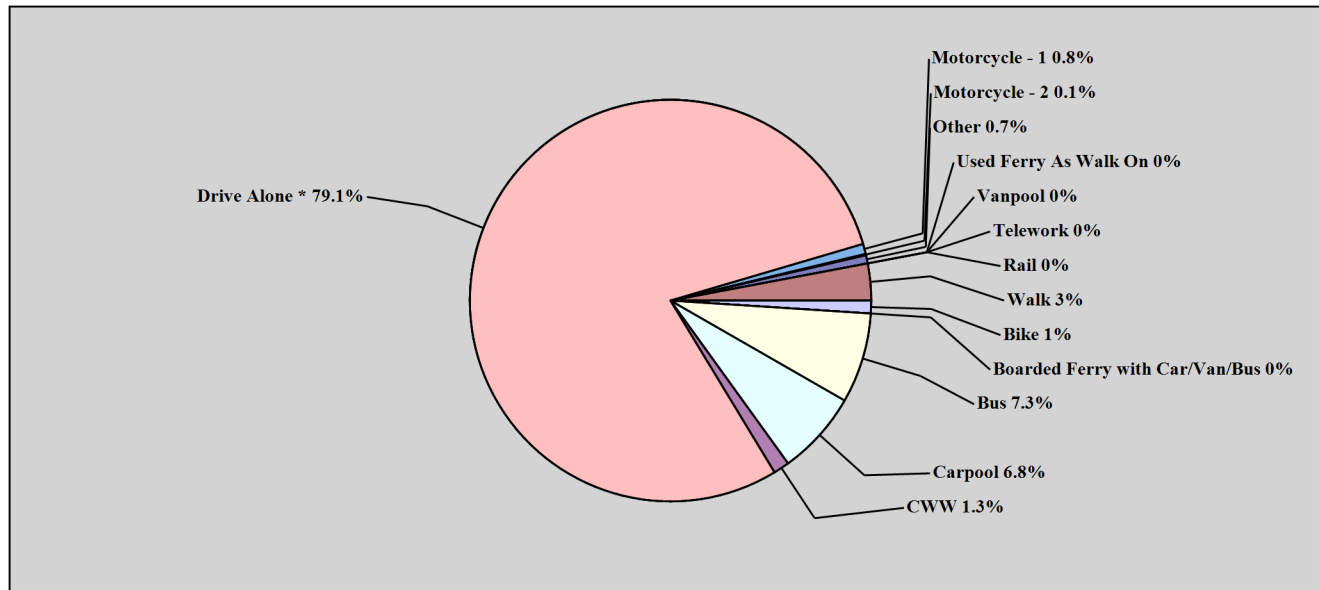
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 12.3 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



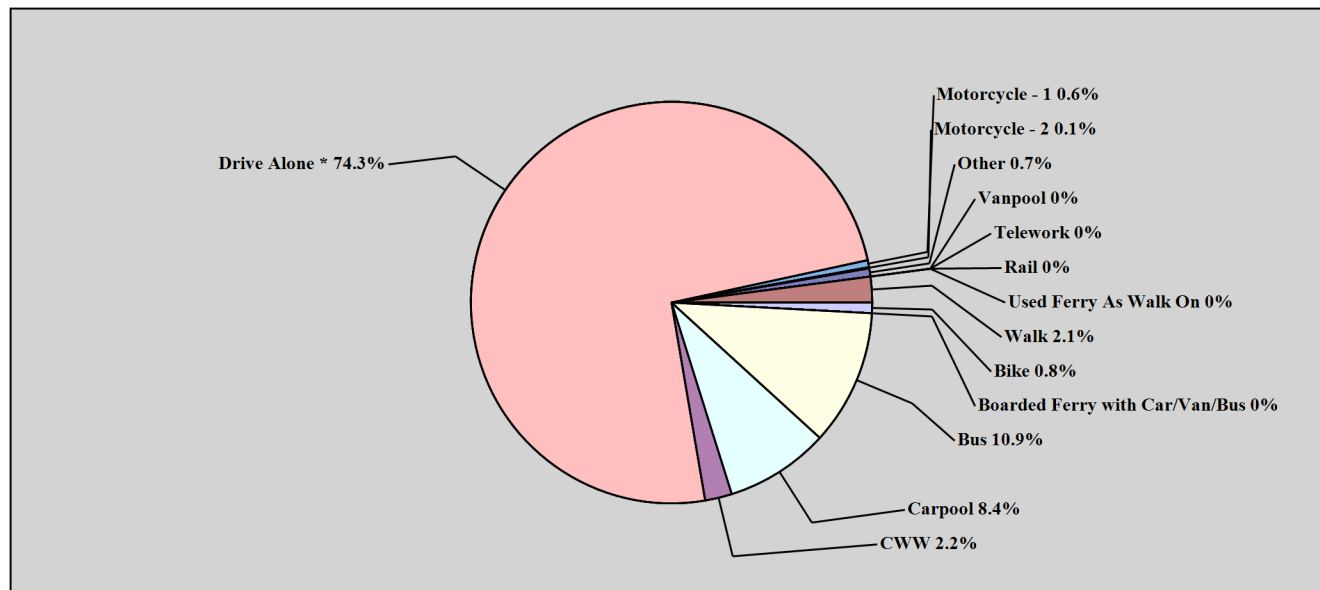
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,546	79.1%	77.7%	338	84.5%	82.4%
Carpool	132	6.8%	9.2%	43	10.8%	12.4%
Vanpool	0	0.0%	0.5%	0	0.0%	0.7%
Motorcycle - 1	16	0.8%	1.9%	7	1.8%	3.1%
Motorcycle - 2	2	0.1%	0.0%	2	0.5%	0.0%
Bus	142	7.3%	3.9%	51	12.8%	6.9%
Rail	0	0.0%	0.1%	0	0.0%	0.2%
Bike	20	1.0%	1.5%	10	2.5%	1.9%
Walk	58	3.0%	2.5%	18	4.5%	3.6%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	25	1.3%	1.6%	24	6.0%	7.1%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.2%	0	0.0%	0.5%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	13	0.7%	1.1%	3	0.8%	1.0%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	789	74.3%	75.0%	175	80.6%	81.9%
Carpool	89	8.4%	9.6%	30	13.8%	13.3%
Vanpool	0	0.0%	0.9%	0	0.0%	1.3%
Motorcycle - 1	6	0.6%	1.7%	3	1.4%	3.1%
Motorcycle - 2	1	0.1%	0.0%	1	0.5%	0.0%
Bus	116	10.9%	5.3%	40	18.4%	9.3%
Rail	0	0.0%	0.1%	0	0.0%	0.4%
Bike	9	0.8%	1.6%	6	2.8%	2.2%
Walk	22	2.1%	2.2%	7	3.2%	3.5%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	23	2.2%	2.6%	23	10.6%	12.4%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.3%	0	0.0%	0.9%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	7	0.7%	0.8%	1	0.5%	0.9%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	282	71%	400	100%
1 Days	32	8%	118	30%
2 Days	18	5%	86	22%
3 Days	7	2%	68	17%
4 Days	11	3%	61	15%
5 Days	44	11%	50	13%
6 or More Days	6	2%	6	2%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	242	70.1%	30	8.7%	20	5.8%	18	5.2%	0	0%	0	0%	12	3.5%	1	0.3%	53	15.4%
4 days a week (4/10s)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
3 days a week	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	10	22.2%	21	46.7%	3	6.7%	6	13.3%	0	0%	0	0%	1	2.2%	0	0%	12	26.7%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	1	25%	1	25%	1	25%	0	0%	0	0%	0	0%	0	0%	1	25%	2	50%

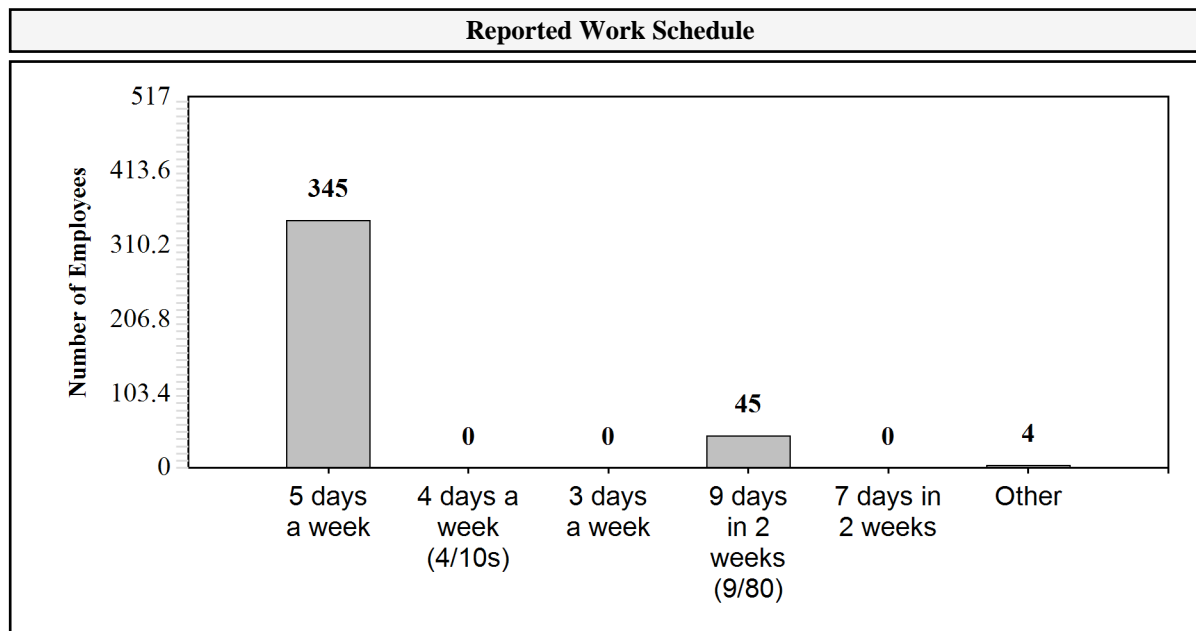
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	16
2	Motorcycle	2
2	Carpool	132
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

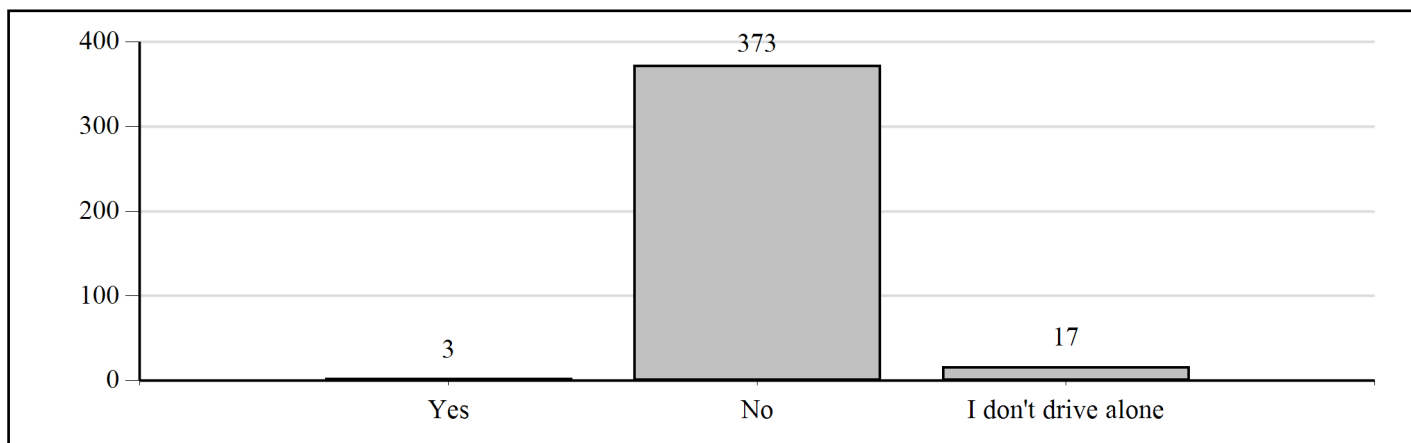
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	345	87.6%
4 days a week (4/10s)	0	0%
3 days a week	0	0%
9 days in 2 weeks (9/80)	45	11.4%
7 days in 2 weeks	0	0%
Other	4	1%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	6	1.5%
I don't telework	377	94.3%
Occasionally, on an as-needed basis	13	3.3%
1-2 days/month	3	0.8%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	1	0.3%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	115	19.9%
Free or subsidized bus, train, vanpool pass or fare benefit	93	16.1%
Other	82	14.2%
Environmental and community benefits	75	13.0%
Personal health or well-being	67	11.6%
Financial incentives for carpooling, bicycling or walking.	40	6.9%
Driving myself is not an option	27	4.7%
Emergency ride home is provided	26	4.5%
Cost of parking or lack of parking	22	3.8%
Preferred/reserved carpool/vanpool parking is provided	18	3.1%
To save time using the HOV lane	7	1.2%
I have the option of teleworking	3	0.5%
I receive a financial incentive for giving up my parking space	2	0.3%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	226	27.3%
Riding the bus or train is inconvenient or takes too long	184	22.2%
Other	145	17.5%
Family care or similar obligations	103	12.5%
My commute distance is too short	57	6.9%
My job requires me to use my car for work	41	5.0%
Bicycling or walking isn't safe	41	5.0%
I need more information on alternative modes	25	3.0%
There isn't any secure or covered bicycle parking	5	0.6%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	0	0	0	0	0	0	25
2	2	0	0	0	0	0	0	0	0	10
3	1	0	0	0	0	0	0	0	0	11
4	0	0	0	0	0	0	0	0	0	12
5	3	0	0	0	0	0	0	0	0	22
6	0	0	0	0	0	0	0	0	0	4
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	3
9	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	3
11 or more	0	0	0	0	0	0	0	0	0	9
# Of Employees using Transit	6	0	0	0	0	0	0	0	0	100
Total One-Way Transit Trips Per Week	22	0	0	0	0	0	0	0	0	495

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	0	0	0	0	0	0	14
2	1	0	0	0	0	0	0	0	0	7
3	0	0	0	0	0	0	0	0	0	8
4	0	0	0	0	0	0	0	0	0	5
5	2	0	0	0	0	0	0	0	0	12
6	0	0	0	0	0	0	0	0	0	3
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	3
9	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	1
11 or more	0	0	0	0	0	0	0	0	0	5
# Of Employees using Transit	3	0	0	0	0	0	0	0	0	59
Total One-Way Transit Trips Per Week	12	0	0	0	0	0	0	0	0	273

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	1	0.25%	0	0	0	0	4	0	0	0	0	1	0	0	0
83801	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
83804	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
83814	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
83815	4	1.00%	11	4	0	0	4	0	0	0	0	1	0	0	0
83854	13	3.25%	46	10	0	0	6	0	0	0	0	0	0	0	0
99001	2	0.50%	5	0	0	0	0	0	0	0	0	0	0	0	0
99003	3	0.75%	15	0	0	0	0	0	0	0	0	0	0	0	0
99004	14	3.50%	47	0	0	3	11	0	0	0	0	0	0	0	0
99005	7	1.75%	30	5	0	0	0	0	0	0	0	0	0	0	0
99006	3	0.75%	11	0	0	0	5	0	0	0	0	0	0	0	0
99009	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
99012	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
99013	1	0.25%	0	0	0	0	0	0	0	0	0	0	0	0	0
99016	5	1.25%	10	9	0	0	0	0	0	0	0	0	0	0	7
99019	4	1.00%	14	0	0	0	1	0	0	0	0	0	0	0	0
99020	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
99021	11	2.75%	40	7	0	0	5	0	0	0	0	0	0	0	1
99022	3	0.75%	14	3	0	0	0	0	0	0	0	0	0	0	0
99025	3	0.75%	14	0	0	0	1	0	0	0	0	0	0	0	0
99026	10	2.50%	47	0	0	0	1	0	0	0	0	0	0	0	0
99027	5	1.25%	20	5	0	0	0	0	0	0	0	0	0	0	0
99031	3	0.75%	15	0	0	0	0	0	0	0	0	0	0	0	0
99036	2	0.50%	10	0	0	0	0	0	0	0	0	0	0	0	0
99037	17	4.25%	68	5	0	0	0	0	0	0	0	0	0	0	0
99109	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0



99170	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
9920	1	0.25%	6	0	0	0	0	0	0	0	0	0	0	0	0
99201	12	3.00%	26	4	0	0	0	0	0	30	0	1	0	0	0
99202	24	6.00%	96	2	0	0	8	0	2	6	0	2	0	0	0
99203	16	4.00%	40	14	0	0	18	0	5	1	0	2	0	0	0
99204	5	1.25%	10	0	0	0	5	0	0	5	0	0	0	0	5
99205	56	14.00%	207	14	0	4	20	0	10	16	0	6	0	0	0
99206	30	7.50%	125	9	0	3	13	0	0	0	0	2	0	0	0
99207	16	4.00%	65	4	0	0	8	0	0	0	0	1	0	0	0
99208	41	10.25%	185	2	0	0	15	0	2	0	0	5	0	0	0
99212	13	3.25%	46	12	0	0	1	0	0	0	0	0	0	0	0
99216	12	3.00%	48	6	0	0	5	0	0	0	0	1	0	0	0
99217	17	4.25%	78	7	0	2	2	0	1	0	0	0	0	0	0
99218	10	2.50%	45	0	0	0	0	0	0	0	0	0	0	0	0
99219	1	0.25%	5	0	0	0	0	0	0	0	0	0	0	0	0
99223	17	4.25%	64	6	0	6	7	0	0	0	0	2	0	0	0
99224	9	2.25%	42	0	0	0	2	0	0	0	0	1	0	0	0
99296	1	0.25%	1	4	0	0	0	0	0	0	0	0	0	0	0